

- 4 **For serial communications**, you will need the following:
- Hayes command compatible modem only for remote dial-up
 - Modem cables
 - Direct serial cable connection between the PC and the SDI port on the switch
 - M1 SDI ports will require the appropriate user type be set in LD17 for each MAT application (see Table 1)

Table 1
SDI Port settings for MAT applications

MAT Application	SDI Port Setting
Station Administration	SCH
ESN	SCH
Call Accounting	CTY
Traffic Analysis	TRF if information is output to a buffer box SCH if information is collected hourly from the Meridian 1 switch

- 5 Configure MAT users on the Meridian 1:
- User input is shown in bold following the ">" prompt. For example, > **LD 17**.
- Install the appropriate release (minimum is Release 22) of X11 software.
 - Perform an INIT.
 - Configure LAPW. MAT communicates with the Meridian 1 through LAPW IDs and passwords configured on the Meridian 1.

>logi (ID) (enter the login ID)

Note: When a Limited Access Password (LAPW) is defined to collect traffic data from Overlay 2, configure the password to have access to all customers by setting the CUST prompt to ALL. For more information about Limited Access to Overlays, see the X11 Software Features Guide.

PASS?> (enter the level 1 or level 2 password)

WARNING: THE PROGRAMS AND DATA STORED ON THIS SYSTEM ARE LICENSED TO OR ARE THE PROPERTY OF NT/BNR AND ARE LAWFULLY AVAILABLE ONLY TO AUTHORIZED USERS FOR APPROVED PURPOSES. UNAUTHORIZED ACCESS TO ANY PROGRAM OR DATA ON SYSTEM IS NOT PERMITTED. THIS SYSTEM MAY BE MONITORED AT ANY TIME FOR OPERATIONAL REASONS. THEREFORE, IF YOU ARE NOT AN AUTHORIZED USER, DO NOT ATTEMPT TO LOGIN.

TTY #00 LOGGED IN 15:02 9/7/1996

Note: The following section is only required if login names are not configured.

>ld 17

CFN000

MEM AVAIL: (U/P): 3352174 USED: 203153 TOT:
3555327

DISK RECS AVAIL: 2764

DCH AVAIL: 15 USED: 1 TOT: 16

AML AVAIL: 10 USED: 0 TOT: 10

REQ> chg

TYPE> pwd

PWD2 (your level 2 password)

LNAME_OPTION> yes

MEM AVAIL: (U/P): 3352174 USED: 203153 TOT:
3555327

DISK RECS AVAIL: 2764

DCH AVAIL: 15 USED: 1 TOT: 16

AML AVAIL: 10 USED: 0 TOT: 10

DEFAULT LOGIN NAMES SAVED

Note: At this point, your old passwords will work with either the newly assigned user IDs or with the default user ID values associated with your old passwords. See the online help for LD17, LNAME_OPTION for more information. Please alert others of any changes; for example, all technicians with access to the Meridian I, the Distributor, and so on.

Continue configuring LAPW and MAT:

```
REQ> chg
TYPE> pwd
PWD2 (your level 2 password)
LNAME_OPTION> yes
NPW1
LOGIN_NAME
NPW2
LOGIN_NAME
LAPW> 88 (example)
PWTP
PW88
```

Note: You will be prompted to enter your new password.

```
LOGIN_NAME> johns (example)
OVLA> all
OVLA
CUST> all
CUST
HOST
MAT> yes
MAT_READ_ONLY> no
OPT
LAPW
FLTH

LOCK
AUDT
INIT
```

```
MEM AVAIL: (U/P) : 3352149      USED: 203178      TOT:
3555327
DISK RECS AVAIL: 2764
DCH  AVAIL:    15      USED:    1      TOT:    16
AML  AVAIL:    10      USED:    0      TOT:    10
REQ> end
```

Note: If you are using serial connections, skip this step.

If you are using Ethernet or PPP connections, configure a PTY for each MAT application that will run simultaneously with other applications over Ethernet or PPP.

For example, Maintenance Windows and System Terminal each require a PTY if they run at the same time. If you have enough free ports, Nortel Networks recommends that you configure at least two PTYs. You can allocate a maximum of 8 PTYs (maximum of 4 PTYs on an Option 11C).

Find an empty TTY slot:

```
>ld 22
PT2000

REQ> prt
TYPE> adan tty

ADAN      TTY 0
  CTYP PTY
  DNUM 0
  PORT 0
  DES pty0
  FLOW NO
  USER SCH
  XSM NO
  TTYLOG      0
PORT 7
  DES jonspty
  FLOW NO
  USER MTC SCH BUG
  XSM NO
  TTYLOG      0
  BANR YES
```

ADAN TTY 8
CTYP SDI2
DNUM 8
DES TECHSUN
FLOW NO
USER MTC SCH CTY BUG
XSM NO
TTYLOG 0
BANR YES

...

REQ> ****

OVL000

>ld 17

CFN000

MEM AVAIL: (U/P): 3352149 USED: 203178 TOT:
3555327

DISK RECS AVAIL: 2764

DCH	AVAIL:	15	USED:	1	TOT:	16
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AML	AVAIL:	10	USED:	0	TOT:	10
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Choose an empty port number between 0-15. Choose a PTY number 0-7. In this example, we find TTY 13 to be free, and assign PTY 0.

```
REQ> chg
TYPE> adan
ADAN> new tty 13
TTY-TYPE> pty
PORT> 0
DES> 13
DES> new pty
FLOW
USER> mtc bug sch
TTYLOG
BANR
```

```
MEM AVAIL: (U/P) : 3345946      USED: 209381      TOT:
3555327
DISK RECS AVAIL: 2764
DCH  AVAIL:      15      USED:      1      TOT:      16
AML  AVAIL:      10      USED:      0      TOT:      10
```

```
ADAN DATA SAVED
ADAN> end
```

- 6** Configure ethernet and PPP at the Meridian 1: